appropriate. All further co indicated unless corrected maintenance feet a geate	3 2006 worm should be used for transcriegond to including the I below a precised otherwise	smitting the ISSUE FEI Patent, advance orders as in Block I, by (a) speci	or Fax (571) 273-2885 and PUBLICATION FEB (if red potification of maintenance fee frying a new correspondence addresses). A certificate Foet A certificate	quired). Blocks 1 through 5 s will be mailed to the curren ess; and/or (b) indicating a sep	should be completed where t correspondence address as sarste "PPE ADDRESS" for
24936 7	1590 01/04/2006		papers. Each additi have its own certifi	onal paper, such as an assignmente of mailing or transmission.	ient or formal drawing, must
MATTINGLY, S 1800 DIAGONAL SUITE 370 ALEXANDRIA, V	•	& BRUNDIDGE,	I hereby certify the States Postal Service addressed to the Management to the Management of the Manage	Certificate of Mailing or Trac t this Fee(s) Transmittal is boi to with sufficient postage for fi fail Stop ISSUE FEE addres ISPTO (571) 273-2885, on the	asmission ng deposited with the United jest class mail in an envelope s above, or being facsimile date indicated below.
2006 MAHMED2 000000	39 10700500		PANIEL	J. STANGEL	(Depositor's name)
1501 1504	1400.00 OP 300.00 OP		Daniel C	# 2006	(Signature) (Data)
APPLICATION NO.	FILING DATE	FIRST	NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/700,500	11/05/2003	. R	yoichi Nakatani	ASA-350-07	6292
APPLN. TYPE nonprovisional	SMALL ENTITY NO	ISSU6 F6B \$1400	PUBLICATION PEE	TOTAL FEE(S) DUE	DATE DUE 04/04/2006
EVA	MINER	ART UNIT	CLASS-SUBCLASS	<b>一</b>	
	L CRAIG A	2652	360-324200	<del>-</del>	
CFR 1.363).		·	For printing on the patent front page the names of up to 3 registered pagents OR, alternatively,		GLY, STANGER, A
CFR 1.363).  Change of correspon Address form PTO/SB/1  "Fee Address" indica PTO/SB/47; Rev 03-02	ndence address (or Change of 122) ausched. ation (or "Fee Address" Indic or more recent) attached. Us	Correspondence (1) Correspondence (2) ation form reg		atent attorneys 1 & BB	CUNDIDGE, P.C.
CFR 1.363).  Change of correspon Address form PTO/SB/:  "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN:	ndence address (or Change of 122) ausched. ation (or "Fee Address" Indic- or more recent) attached. Us D RESIDENCE DATA TO E	Correspondence (1) or ation form c of a Customer 2 n list E PRINTED ON THE P	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the egistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type)	as a member a larmes of up to larme is 3	RUNDIDGE, P.C.
CFR 1.363).  Change of correspon Address form PTO/SB/:  "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN:	ndence address (or Change of 122) ausched. ation (or "Fee Address" Indic- or more recent) attached. Us D RESIDENCE DATA TO E	Correspondence (1) ori ation form c of a Customer 2 n list BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having instered attorney or agent) and the egistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) will appear on the patent. If an assistant for filing an assignment.	as a member a tarnes of up to If no name is  aggree is identified below, the	RUNDIDGE, P.C.
CFR 1.363).  Change of correspon Address form PTO/SB/ "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGN	ndence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO E as an assignee is identified bin 37 CFR 3.11. Completion	Correspondence (1) oriting (2) ation form (2) c of a Customer (2) BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered atterney or agent) and the logistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type)  vill appear on the patent. If an assistante for filing an assignment.  IDENCE: (CITY and STATE OR	as a member a 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	RUNDIDGE, P.C.
CFR 1.363).  Change of correspon Address form PTO/SB/ "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGN	ndence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO E as an assignee is identified b in 37 CFR 3.11. Completion	Correspondence (1) oriting (2) ation form (2) c of a Customer (2) BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered atterney or agent) and the logistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type)  vill appear on the patent. If an assistante for filing an assignment.  IDENCE: (CITY and STATE OR	as a member a tarnes of up to If no name is  aggree is identified below, the	RUNDIDGE, P.C.
CFR 1.363).  Change of correspon Address form PTO/SB/ "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGNETIACHI GLOBA	adence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO E as an assignee is identified bin 37 CFR 3.11. Completion NEE AL STORAGE TECHN	Correspondence  ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES HOLOGIES JAPAN	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered atterney or agent) and the logistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type)  vill appear on the patent. If an assistante for filing an assignment.  IDENCE: (CITY and STATE OR	as a member a 2 2 2 3 3 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	document has been filed for
CFR 1.363).  Change of correspon Address form PTO/SB/ Fee Address indicapto SB/ Number is required.  ASSIGNEE NAME AND PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGNED	adence address (or Change of 122) attached. ation (or "fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO Eas an assignee is identified bin 37 CFR 3.11. Completion  NEE  AL STORAGE TECHN  te assignee category or category	Correspondence  ation form e of a Customer  BE PRINTED ON THE P elow, no assignee data v of this form is NOT a sul  (B) RES HOLOGIES JAPAN  pries (will not be printed of 4b. Payr	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having instered attorney or agent) and the ogistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) vill appear on the patent. If an assistinte for filing an assignment.  IDENCE: (CITY and STATE OR CANAL CONTROL	as a member a as a member a as a member a armes of up to If no name is aggree is identified below, the COUNTRY) AGAWA-KEN, JAPAN COPPORATION or other private g	document has been filed for
CFR 1.363).  Change of correspon Address form PTO/SB/  Fee Address" indication in the PTO/SB/ Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth (A) NAME OF ASSIGNET HITACHI GLOBATION (B) Please check the appropriation in the Please check the appropriation in th	adence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO Enter an assignee is identified bin 37 CFR 3.11. Completion  NEE  AL STORAGE TECHN  te assignee category or category cenclosed:	Correspondence  ation form e of a Customer  BE PRINTED ON THE P elow, no assignee data v of this form is NOT a sul  (B) RES HOLOGIES JAPAN  pries (will not be printed of 4b, Payr	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the registered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) vill appear on the patent. If an assistante for filing an assignment.  IDENCE: (CITY and STATE OR on the patent):  In the patent):  Individual Content of Fee(s): check in the amount of the fee(s) is	as a member a as a member a as a member a armes of up to . If no name is . If	document has been filed for
CFR 1.363).  Change of correspon Address form PTO/SB/.  "Fee Address" indiction of the Correspondence of the C	adence address (or Change of 122) attached. ation (or "fee Address" Indictor more recent) attached. Us  D RESIDENCE DATA TO Enter an assignee is identified bin 37 CFR 3.11. Completion  NEE  AL STORAGE TECHN  te assignee category or category conclosed: small entity discount permitted.	Correspondence  ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES HOLOGIES JAPAN  aries (will not be printed of 4b. Payr  A ed)  XI P	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the tegistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) vill appear on the patent. If an assistante for filing an assignment.  AIDENCE: (CITY and STATE OR on the patent):  In the patent):  Individual Content of Fee(s): check in the amount of the fee(s) is ayment by credit card. Form PTO-the Director is hereby authorized the	as a member a as a member a armes of up to . If no name is . grace is identified below, the COUNTRY) AGAWA-KEN, JAPAN  Corporation or other private graces as enclosed.  Cost of the statement of the private graces are as a statement.  Cost of the statement of the private graces are as a statement.  Cost of the statement of the private graces are as a statement.  Cost of the statement of the stat	document has been filed for
CFR 1 363).  Change of correspon Address form PTO/SB/ "Fee Address" indice PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGN HITACHI GLOBA  Please check the appropriate As. The following fee(s) and Sisure Fee:  Publication Fee (No Advance Order - # 6  Change in Entity Status a Applicant claims	adence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us D RESIDENCE DATA TO E as an assignee is identified bin 37 CFR 3.11. Completion NEE AL STORAGE TECHN te assignee category or category conclused: small entity discount permitted for copies st (from status indicated above SMALL ENTITY status. See	Correspondence ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES NOLOGIES JAPAN  pries (will not be printed or 4b. Payr aced)  A D Depc  C) 37 CFR 1.27.	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having instered attorney or agent) and the registered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) will appear on the patent. If an assistante for filing an assignment.  IDENCE: (CITY and STATE OR IN LITE AND I	as a member a larmes of up to lif no name is lignee is identified below, the COUNTRY) ACAWA-KEN, JAPAN COUNTRY	document has been filed for credit any overpayment, to copy of this form).
CFR 1.363).  Change of correspon Address form PTO/SB/  "Fee Address" indice PTO/SB/7; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGN HITACHI GLOBA  Please check the appropriation of the second of the	adence address (or Change of 122) attached. ation (or "Fee Address" Indictor more recent) attached. Us D RESIDENCE DATA TO E as an assignee is identified bin 37 CFR 3.11. Completion NEE AL STORAGE TECHN te assignee category or category conclused: small entity discount permitted for copies st (from status indicated above SMALL ENTITY status. See	Correspondence ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES NOLOGIES JAPAN  pries (will not be printed or 4b. Payr aced)  A D Depc  C) 37 CFR 1.27.	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the egistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) will appear on the patent. If an assistante for filing an assignment.  ADENCE: (CITY and STATE OR KANA on the patent): Individual Interest of Fee(s): check in the amount of the fee(s) is ayment by credit card. Form PTO-the Director is hereby authorized the sit Account Number 50—	as a member a larmes of up to lif no name is lignee is identified below, the COUNTRY) ACAWA-KEN, JAPAN COUNTRY	document has been filed for credit any overpayment, to copy of this form).
CFR 1.363).  Change of correspon Address form PTO/SB/  "Fee Address" indice PTO/SB/1; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGN HITACHI GLOBA  Please check the appropriation of the second of the	adence address (or Change of 122) attached.  ation (or "Fee Address" Indictor more recent) attached. Us D RESIDENCE DATA TO E as an assignee is identified bin 37 CFR 3.11. Completion NEE  AL STORAGE TECHN to assignee category or categ	ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES NOLOGIES JAPAN  pries (will not be printed of the payr and publication F yill not be accepted from ent and Trademark Office	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the egistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) will appear on the patent. If an assistant for filing an assignment.  IDENCE: (CITY and STATE OR N, LTD. KANA  On the patent): Individual Interest of Fee(s): check in the amount of the fee(s) is ayment by credit card. Form PTO-2 has Account Number 50—  Applicant is no longer claiming Size (if any) or to re-apply any previous anyone other than the applicant; a e.	as a member a larmes of up to lif no name is lignee is identified below, the COUNTRY) AGAWA-KEN, JAPAN COUNTRY	document has been filed for group entity Government or credit any overpayment, to copy of this form).  CFR 1.27(g)(2).  cation identified above, the assignce or other party in
CFR 1.363).  Change of correspon Address form PTO/SB/  "Fee Address" indica PTO/SB/18 (PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN: PLEASE NOTE: Unles recordation as set forth (A) NAME OF ASSIGNET HITACHI GLOBA  Please check the appropriated As. The following fee(s) are all 18 sue Fee  Publication Fee (No  Advance Order - # of the USPTO NOTE: The Issue Fee and interest as shown by the recorded or printed name.	adence address (or Change of 122) attached.  atton (or "Fee Address" Indictor more recent) attached. Us the property of the pr	ation form c of a Customer  BE PRINTED ON THE P elow, no assignee data w of this form is NOT a sul  (B) RES NOLOGIES JAPAN  pries (will not be printed of the printed of th	the names of up to 3 registered pagents OR, alternatively, the name of a single firm (having intered attorney or agent) and the egistered patent attorneys or agents ed, no name will be printed.  ATENT (print or type) will appear on the patent. If an assistant for filing an assignment.  IDENCE: (CITY and STATE OR N, LTD. KANA  On the patent): Individual Interest of Fee(s): check in the amount of the fee(s) is ayment by credit card. Form PTO-2 has Account Number 50—  Applicant is no longer claiming Size (if any) or to re-apply any previous anyone other than the applicant; a e.	as a member a larmes of up to lif no name is lignee is identified below, the COUNTRY) AGAWA-KEN, JAPAN COUNTRY	document has been filed for group entity Government for credit any overpayment, to copy of this form).  CFR 1.27(g)(2).  cation identified above. the assignce or other party in 5

PTOL-85 (Rev. 07/05) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patcot and Trademark Office; U.S. DEPARTMENT OF COMMERCE